

CLAIMS

What is claimed is:

1. A method for moving data between processes in a computer-based system, each process calling for one or more symbols in a first library, the method comprising:
associating each process with a second library, said second library comprising one or more symbols with a door interprocess communication mechanism;
intercepting a call from each process for a symbol in said first library; and
redirecting said call to a corresponding symbol in said second library.
2. A method according to claim 1 wherein said first library comprises one or more symbols associated with a socket interprocess communication mechanism.
3. A method according to claim 1 wherein said associating further comprises dynamically linking each process with said second library.
4. A method according to claim 1 wherein said second library enables each process to communicate a synchronization signal through a door, said door enabled by said door interprocess communication mechanism.
5. A method according to claim 4 wherein said second library enables each process to transfer data through said door based on said synchronization signal.

6. A method according to claim 1 wherein said second library comprises one or more server-side symbols and one or more client-side symbols.
7. A method according to claim 6 wherein said server-side symbols further comprise a bind symbol, an accept symbol, a read symbol, a write symbol, and a close symbol.
8. A method according to claim 6 wherein said client-side symbols further comprise a connect symbol, a read symbol, a write symbol, a close symbol, and a thread_create symbol.
9. A program storage device readable by a machine, tangibly embodying a program of instructions readable by the machine to perform a method for moving data between processes in a computer-based system, each process calling for one or more symbols in a first library, the method comprising:
- associating each process with a second library, said second library comprising one or more symbols with a door interprocess communication mechanism;
 - intercepting a call from each process for a symbol in said first library; and
 - redirecting said call to a corresponding symbol in said second library.
10. The program storage device according to claim 1 wherein said first library comprises one or more symbols associated with a socket interprocess communication mechanism.

11. The program storage device according to claim 9 wherein said associating further comprises dynamically linking each process with said second library.

12. The program storage device according to claim 9 wherein said second library enables each process to communicate a synchronization signal through a door, said door enabled by said door interprocess communication mechanism.

13. The program storage device according to claim 12 wherein said second library enables each process to transfer data through said door based on said synchronization signal.

14. The program storage device according to claim 9 wherein said second library comprises one or more server-side symbols and one or more client-side symbols.

15. The program storage device according to claim 14 wherein said server-side symbols further comprise a bind symbol, an accept symbol, a read symbol, a write symbol, and a close symbol.

16. The program storage device according to claim 14 wherein said client-side symbols further comprise a connect symbol, a read symbol, a write symbol, a close symbol, and a thread_create symbol.

17. An apparatus for moving data between process in a computer-based system, the apparatus comprising:
- a plurality of processes;
 - a first library of symbols having one or more symbols, said plurality of processes calling for said one or more symbols in said first library of symbols;
 - a second library of symbols having one or more symbols, said one or more symbols associated with a door interprocess communication mechanism; and
 - an interposer intercepting a call for one or more symbols in said first library of symbols and redirecting a corresponding call for one or more symbols in said second library of symbols.
18. The apparatus according to claim 17 wherein said first library of symbols comprises one or more symbols associated with a socket interprocess communication mechanism.
19. The apparatus according to claim 17 wherein each process is dynamically linked with said second library of symbols.
20. The apparatus according to claim 17 wherein each process communicates a synchronization signal through a door, said door enabled by said door interprocess communication mechanism.

21. The apparatus according to claim 20 wherein data transfer through said door based on said synchronization signal.
22. The apparatus according to claim 17 wherein said second library further comprises one or more server-side symbols and one or more client-side symbols.
23. The apparatus according to claim 22 wherein said server-side symbols further comprise a bind symbol, an accept symbol, a read symbol, a write symbol, and a close symbol.
24. The apparatus according to claim 22 wherein said client-side symbols further comprise a connect symbol, a read symbol, a write symbol, a close symbol, and a thread_create symbol.
25. An apparatus for moving data between processes in a computer-based system, each process calling for one or more symbols in a first library, the apparatus comprising:
- means for associating each process with a second library, said second library comprising one or more symbols with a door interprocess communication mechanism;
 - means for intercepting a call from each process for a symbol in said first library;
 - and
 - means for redirecting said call to a corresponding symbol in said second library.